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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. MERCK-1497 (13)

First Inventor Andreas Wachtler et al.

Title PHENYCLOCLOHEXANES AND A LIQUID-CRYSTALLINE MEDIUM

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 38]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 3]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

## ACCOMPANYING APPLICATIONS PARTS

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies
9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09 / 686,816

Prior application information: Examiner S. Wu

Group / Art Unit: 1756

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label



23599

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Harry B. Shubin

Registration No. (Attorney/Agent)

32,004

Signature

Date

September 28, 2001

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

|                      |                            |
|----------------------|----------------------------|
| Application Number   | Continuation of 09/686,816 |
| Filing Date          | October 12, 2000           |
| First Named Inventor | Andreas Wachtler et al.    |
| Examiner Name        | S. Wu                      |
| Group / Art Unit     | 1756                       |
| Attorney Docket No.  | MERCK-1497 (13)            |

TOTAL AMOUNT OF PAYMENT (\$ 710

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 13-3402

Deposit Account Name: Millen, White, Zelano & Branigan, P.C.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

| 1. BASIC FILING FEE |                 |                |                 |                        |          |
|---------------------|-----------------|----------------|-----------------|------------------------|----------|
| Large Fee Code      | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
| 101                 | 710             | 201            | 355             | Utility filing fee     | 710      |
| 106                 | 320             | 206            | 160             | Design filing fee      |          |
| 107                 | 490             | 207            | 245             | Plant filing fee       |          |
| 108                 | 710             | 208            | 355             | Reissue filing fee     |          |
| 114                 | 150             | 214            | 75              | Provisional filing fee |          |
| SUBTOTAL (1)        |                 |                |                 |                        | (\$ 710  |

## 2. EXTRA CLAIM FEES

|                    |   |       |   |   |   |     |   |   |
|--------------------|---|-------|---|---|---|-----|---|---|
| Total Claims       | 7 | -20** | = | 0 | X | 18  | = | 0 |
| Independent Claims | 1 | -3**  | = | 0 | X | 80  | = | 0 |
| Multiple Dependent | 0 |       |   |   | X | 270 | = | 0 |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  |
|----------------|-----------------|----------------|-----------------|--|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                     |
| 102            | 80              | 202            | 40              | Independent claims in excess of 3                          |
| 104            | 270             | 204            | 135             | Multiple dependent claim, if not paid                      |
| 109            | 80              | 209            | 40              | ** Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

| 3. ADDITIONAL FEES |                 |                |                 |  |          |
|--------------------|-----------------|----------------|-----------------|--|----------|
| Large Fee Code     | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
| 105                | 130             | 205            | 65              | Surcharge - late filing fee or oath  |          |
| 127                | 50              | 227            | 25              | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 139                | 130             | 139            | 130             | Non-English specification  |          |
| 147                | 2,520           | 147            | 2,520           | For filing a request for reexamination                                     |          |
| 112                | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                     |          |
| 113                | 1,840*          | 113            | 1,840*          | Requesting publication of SIR after Examiner action                        |          |
| 115                | 110             | 215            | 55              | Extension for reply within first month                                     |          |
| 116                | 390             | 216            | 195             | Extension for reply within second month                                    |          |
| 117                | 890             | 217            | 445             | Extension for reply within third month                                     |          |
| 118                | 1,390           | 218            | 695             | Extension for reply within fourth month                                    |          |
| 128                | 1,890           | 228            | 945             | Extension for reply within fifth month                                     |          |
| 119                | 310             | 219            | 155             | Notice of Appeal   |          |
| 120                | 310             | 220            | 155             | Filing a brief in support of an appeal                                     |          |
| 121                | 270             | 221            | 135             | Request for oral hearing   |          |
| 138                | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              |          |
| 140                | 110             | 240            | 55              | Petition to revive - unavoidable   |          |
| 141                | 1,240           | 241            | 620             | Petition to revive - unintentional   |          |
| 142                | 1,240           | 242            | 620             | Utility issue fee (or reissue)   |          |
| 143                | 440             | 243            | 220             | Design issue fee   |          |
| 144                | 600             | 244            | 300             | Plant issue fee  |          |
| 122                | 130             | 122            | 130             | Petitions to the Commissioner  |          |
| 123                | 130             | 123            | 130             | Petitions related to provisional applications                              |          |
| 126                | 180             | 126            | 180             | Submission of Information Disclosure Stmt                                  |          |
| 581                | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) |          |
| 146                | 710             | 246            | 355             | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149                | 710             | 249            | 355             | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179                | 710             | 279            | 355             | Request for Continued Examination (RCE)                                    |          |
| 169                | 900             | 169            | 900             | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

## SUBMITTED BY

Complete (if applicable)

|                   |                 |                                  |                    |           |                |
|-------------------|-----------------|----------------------------------|--------------------|-----------|----------------|
| Name (Print/Type) | Harry B. Shubin | Registration No. Attorney/Agent) | 32,004             | Telephone | (703) 243-6333 |
| Signature         |                 | Date                             | September 28, 2001 |           |                |

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